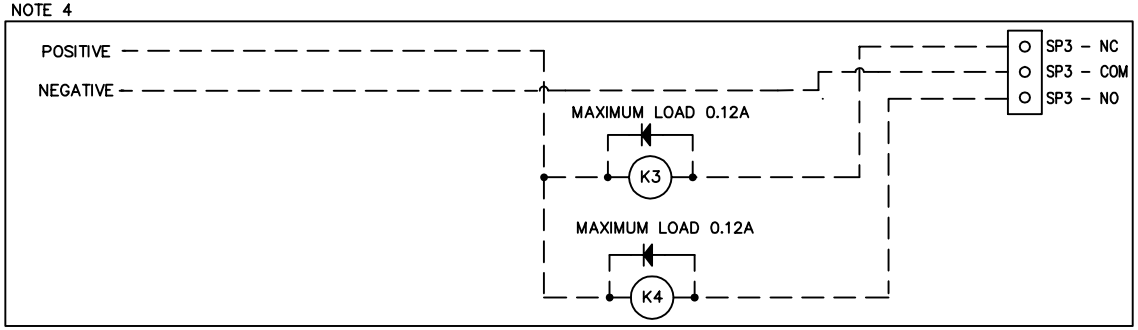
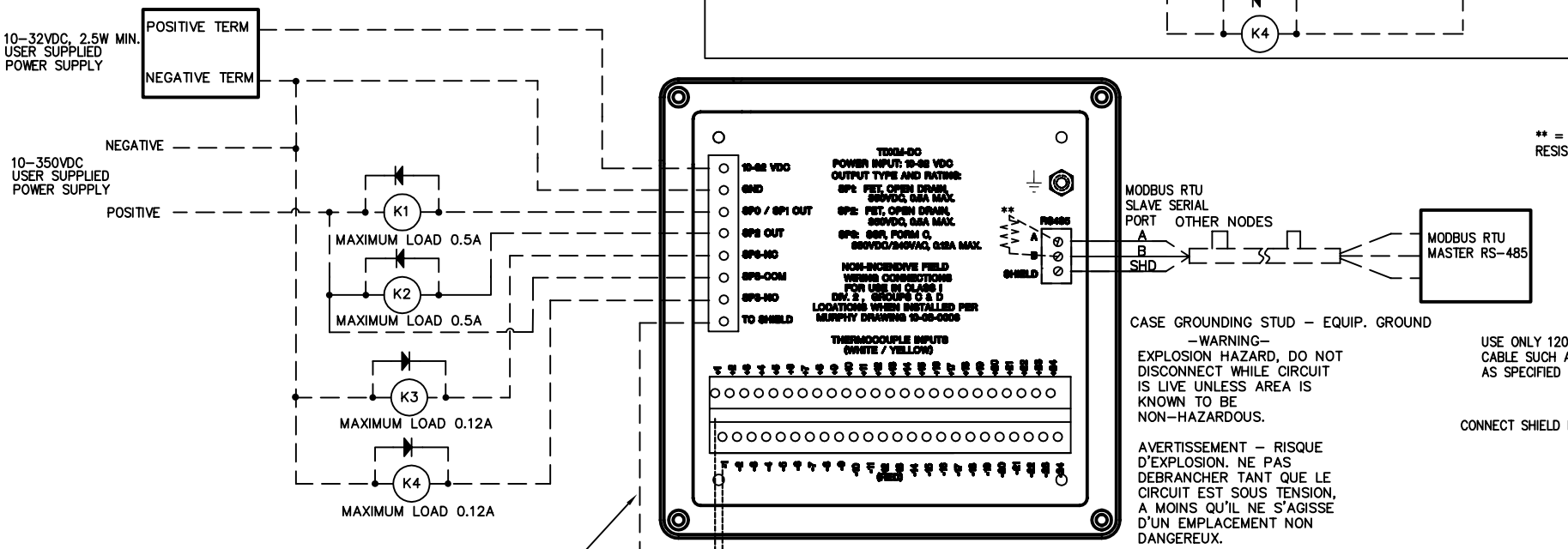
NOTES:

1. SHIELDED THERMOCOUPLE LEADS ARE RECOMMENDED. SHIELD DRAIN WIRE MAY BE CHASSIS GROUNDED OR CONNECTED TO "TC SHIELD" INPUT TERMINAL AS SHOWN. DRAIN WIRE MUST BE UNGROUNDED WHEN CONNECTED TO "TC SHIELD" INPUT.
2. ALWAYS ROUTE THERMOCOUPLE LEADS SEPARATE FROM ALL OTHER WIRING.
3. CUSTOMER FIELD WIRING CONNECTIONS TO BE INSTALLED IN ACCORDANCE WITH THE NEC CODE FOR CLASS I, DIV 2, GRPS C AND D HAZARDOUS LOCATIONS.
4. OPTIONAL SP3 CONNECTION. SP3 COM CONNECTED TO POWER SUPPLY NEG.

NOTE 4





SHIELD DRAIN WIRE
(INSULATE FROM GND)
OR GROUND DRAIN WIRE
(DO NOT CONNECT TO "TC SHIELD")
OR

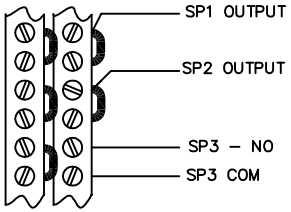
JUNCTION BOX

HIGH TEMPERATURE
WIRE NUTS

GROUNDED OR UNGROUNDED THERMOCOUPLES MAY BE USED.
UNGROUNDED THERMOCOUPLES ARE HIGHLY RECOMMENDED.
GROUNDED THERMOCOUPLES IN DEVICES WITH DIFFERENT GROUND POTENTIALS MAY RESULT IN ERRORS IN READINGS OUTSIDE OF SPECIFICATIONS.

NON–INCENDIVE FIELD
WIRING TYPICAL FOR ALL
24 THERMOCOUPLE
INPUTS. ROUTE LEADS
SEPARATE FROM ALL
OTHER WIRING.

TYPICAL WIRING CONNECTIONS
FOR TDXM TO TTD SERIES OR
MARK III ANNUNCIATORS.



OUTPUTS SP1, SP2, AND SP3 CAN BE CONNECTED TO OPERATE RELAYS, LIGHTS, CONTROLLER INPUTS, ANNUNCIATOR INPUTS, OR TATTLETALE INDICATORS.

RELAYS SHOWN AS LOADS ARE TYPICAL CONNECTION DEPICTIONS THAT CAN BE APPLIED TO OTHER LOADS SUCH AS CONTROLLER OR PLC INPUTS.

REV.	CHANGES MADE
D	REVISED SILKSCREEN LETTERING FROM: 350VAC/VDC _
	TO: 350VAC/240VDC _
	ECR #02-0745 (DPMc)(08-27-02) DMc

DRAWN BY: JAD	E.R.NO. 02-0439	
DATE: 5/29/02	CHKD. BY: JAD	APPD. BY: RH
MODEL: INSTALLATION DIAGRAM TDXM–DC		
DRAWING NO. 10–08–0006	SIZE C	REV. D